



Application No: GB 0216914.2  
 Claims searched: 1-27

Examiner: Mike Leaning  
 Date of search: 2 May 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance  |
|----------|--------------------|---|
| X        | 1,22&23            | US 5571309 (KUMAR) See column 2 lines 22-42, column 4 lines 43-60 and column 6 lines 6-10.  |
| A        |                    | US 6402814 (KRAUSS et al.) Discloses the use of alumina and/or silica as an adsorbent and also a cyclical operating regime comprising an adsorption step a depressurisation step and a regenerative step, during which the adsorption zone is repressurised. Please see column 1 lines 17-22 and column 2 line 47 to column 3 line 21 |

### Categories:

|   |   |   |  |
|---|---|---|--|
| X | Document indicating lack of novelty or inventive step   | A | Document indicating technological background and/or state of the art.  |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention.          |
| & | Member of the same patent family  | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>v</sup>:

B1L

Worldwide search of patent documents classified in the following areas of the IPC<sup>7</sup>:

B01D

The following online and other databases have been used in the preparation of this search report:

Online: WPI, EPODOC, JAPIO